

CERTIFICATE OF MAILING

I hereby certify that the paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231, on

Date: 2-21-02

By: Sandy Yi
Sandy Yi

In re Application of:	Examiner: Unknown
Li-Wen Chen, et al.	
Serial No. 10/001,644	Art Unit: 2163
Filed: November 29, 2001	
Title: SYSTEM AND METHOD FOR PROVIDING A DATA WAREHOUSE IN ACCORDANCE WITH A VIRTUAL SCHEMA	

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Dear Sir:

In response to the Notice to File Corrected Application Papers mailed on December 21, 2001 in the above-identified application, enclosed herewith are the substitute drawings needed to correct various informalities to comply with 37 CFR 1.84.

Enclosed herewith are the following:

- 1) Copy of Notice to File Corrected Application Papers;
- 2) Response to Notice to File Corrected Application Papers;
- 3) Substitute Drawings with top margin of at least 1 inch, a left side margin of at least 1 inch, a right side margin of at least 5/8 inch, and a bottom margin of at least 3/8 inch;
- 4) Transmittal form;

- 5) Fee Transmittal form (in duplicate);
- 6) Letter to the Official Draftsperson (in duplicate);
- 7) Copies of the Original Drawings with changes indicated in RED; and
- 8) Return Receipt Postcard

If the Examiner has any questions or needs additional information, the Examiner is invited to telephone the undersigned attorney at (650) 856-6500.

If for any reason an insufficient fee has been paid, please charge the insufficiency to Deposit Account No. 05-0150.

Date: 8/21/02

Respectfully submitted,
Li-Wen Chen, et al.

By: Daryl C. Josephson
Daryl C. Josephson
Attorney for Applicants
Registration No.: 37,365

SQUIRE, SANDERS & DEMPSEY L.L.P.
600 Hansen Way
Palo Alto, California 94304-1043
Telephone: (650) 856-6500
Facsimile: (650) 843-8777



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING

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Date: 2-21-02

By: Sandy Yi
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In re Application of: Li-Wen Chen, et al.	Examiner: Unknown
Serial No.: 10/001,644	Art Unit: 2163
Filed: November 29, 2001	
Title: SYSTEM AND METHOD FOR PROVIDING A DATA WAREHOUSE IN ACCORDANCE WITH A VIRTUAL SCHEMA	

Attention: Official Draftsperson
Commissioner for Patents
Washington, D.C. 20231

**LETTER TO THE CHIEF DRAFTSPERSON
(Request To Make Proposed Drawing Changes)**

Sir:

Subject to the approval of the Primary Examiner in the above-entitled patent application, please substitute the enclosed sixteen (16) sheets of formal drawings, containing Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 6C, 6D, 6E, 6F, 7A and 7B for the sixteen (16) sheets of informal drawings containing Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 6C, 6D, 6E, 6F, 7A and 7B as originally filed.

Approval is requested to amend Figures 4A, 5A, 6B, 6C, 6D, 6F and 7A as shown in RED ink on the attached copies and as indicated below:

In Figure 4A, for the block containing the text “CCC1”, reference the block with the numeral--213--.

In Figure 5A, for block 407, replace the text “filter our unnecessary entities” with -- filter out unnecessary entities --.

In Figure 6B, block 520, replace the word “Telcommunication” with – Telecommunication--(in both places).

In Figure 6B, replace the text “Bussiness model:” with --Business model:--.

In Figure 6B, replace the text “Bussiness characteristics:” with --Business characteristics--.

In Figure 6C, block 534, replace the text “Unrestricted filegrouth” with -- Unrestricted filegrowth--.

In Figure 6C, block 534, replace the text “Restrict filegrouth(MB):” with -- Restrict filegrowth(MB):--.

In Figure 6D, block 544, replace the text “Unrestricted filegrouth” with -- Unrestricted filegrowth--.

In Figure 6D, block 544, replace the text “Restrict filegrouth(MB):” with -- Restrict filegrowth(MB):--.

In Figure 6F, boxes have been placed around “CAC2” “ALC1” and “ALC2” for clarification purposes.

In Figure 7A, block 606, replace the word “Metadata” with --Meta Data--.

REMARKS

Applicants respectfully submit that the requested drawing amendments are consistent with the corresponding material in the specification and does not add any new matter to the application.

Should the Examiner have any questions concerning this request, the Examiner is invited to call the undersigned representative at the number shown below.

The Commissioner is hereby authorized to charge payment for any deficiency of required fees associated with this communication to Deposit Account No. 05-0150. A duplicate of this transmittal is enclosed.

Date: 2/27/02

Squire, Sanders & Dempsey L.L.P.
600 Hansen Way
Palo Alto, CA 94304-1043
Telephone (650) 856-6500
Facsimile (650) 843-8777

Respectfully submitted,

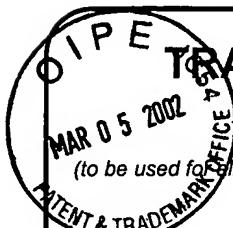

Daryl C. Josephson
Attorney for Applicants
Registration No.: 37,365

03 CO
#3Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

35

Application Number	10/001,644
Filing Date	November 29, 2001
First Named Inventor	Li-Wen Chen
Group Art Unit	2163
Examiner Name	Unknown

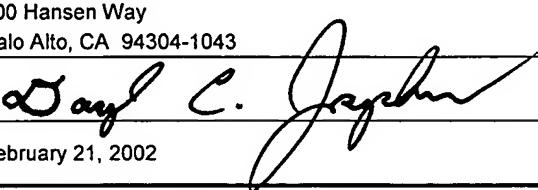
Attorney Docket Number

52719.00033

ENCLOSURES (check all that apply)

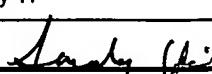
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response Notice to File Corrected Application Papers <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> 16 Sheets of Formal Drawings consisting of Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 6C, 6D, 6E, 6F, 7A and 7B <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter to the Chief Draftsperson (Request to Make Proposed Drawing Changes) (in duplicate) Copy of Notice to File Corrected Application Papers Copy of Original Drawings with Changes Indicated in Red Return Receipt Postcard
		Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Daryl C. Josephson, Reg. No. 37,365 Squire, Sanders & Dempsey, L.L.P. 600 Hansen Way Palo Alto, CA 94304-1043
Signature	
Date	February 21, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	Sandy Yi
Signature	
Date	February 21, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/001,644	11/29/2001	Li-Wen Chen	52719.00033

CONFIRMATION NO. 5491
FORMALITIES LETTER



OC00000007226816

Paul A. Durdik, Esq.
Squire, Sanders & Dempsey LLP
600 Hansen Way
Palo Alto, CA 94304

Date Mailed: 12/21/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

MD

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEE TRANSMITTAL for FY 2002

Patent and Trademark fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 0

Complete if Known	
Application Number	10/001,644
Filing Date	November 29, 2001
First Named Inventor	Li-Wen Chen
Examiner Name	Unknown
Group / Art Unit	2163
Attorney Docket No.	52719.00033

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
Order

 Deposit Account:

Deposit Account Number

05-0150

Deposit Account Name

Squire, Sanders & Dempsey, L.L.P.

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$) 0

2. EXTRA CLAIM FEES

Total Claims	-20 **	=	0	X	Fee from below	=	0	Fee Paid
Independent Claims	-3 **	=	0	X		=	0	
Multiple Dependent				X		=	0	

Large Entity Fee Code

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant Issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17 (q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 0

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Daryl C. Josephson	Registration No. Attorney/Agent	37,365
Signature		Date	February 21, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.